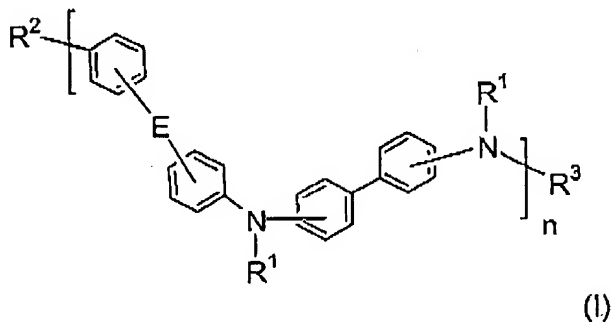


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This Listing of Claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

1 (previously presented). A compound having the formula:



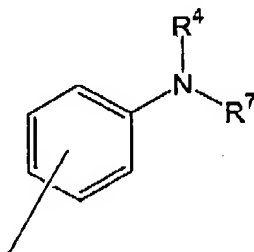
wherein:

n is an integer of at least 1;

R^1 is selected from aryl, heteroaryl, fluoroaryl, and fluoroheteroaryl substituted with 1 or more fluorine atoms;

R^3 is selected from H and R^1 ;

R^2 is selected from H, R^1 , alkyl, fluoroalkyl, Cl, Br, I and an arylamino group of formula (II),



wherein R^4 is selected from aryl, H, R^1 , alkyl, and fluoroalkyl;

R^7 is selected from aryl, heteroaryl, fluoroaryl, and fluoroheteroaryl substituted with 1 or more fluorine atoms, preferably up to 7 fluorine atoms; and

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E is selected from O, S, $(\text{SiR}^5\text{R}^6)_m$ wherein m is an integer of 1 to 20, $(\text{CR}^5\text{R}^6)_m$ wherein m is an integer of 1 to 20, and combinations thereof, wherein R^5 and R^6 are each independently selected from H, F, alkyl, aryl, alkoxy, aryloxy, fluoroalkyl, fluoroaryl, fluoroalkoxy, and fluoroaryloxy and wherein R^5 and R^6 can, when taken together, form a ring, provided that when E is $(\text{CR}^5\text{R}^6)_m$, and n is greater than 1 and m is 1, at least one of R^5 and R^6 is not hydrogen or a hydrocarbon.

2 (original). The compound of claim 1, and wherein R^5 and R^6 , when taken together, form a non-aromatic ring.

3 (original). The compound of claim 1 wherein n is greater than 1.

4 (original). The compound of claim 2 wherein R^1 is different at each occurrence.

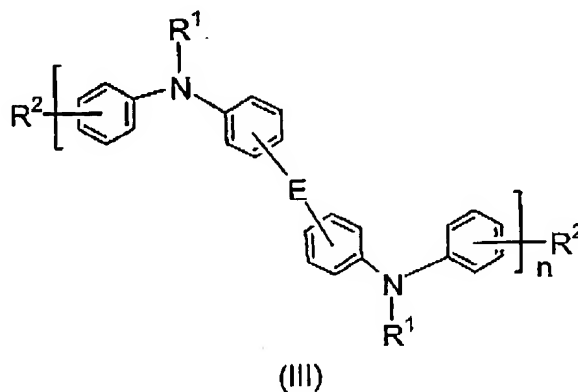
5 (original). The compound of claim 1 wherein R^2 is H.

6 (original). The composition of claim 5 wherein R^3 is aryl.

7 (original). The compound of claim 1 wherein R^1 is selected from phenyl, 1-naphthyl, and 2-naphthyl.

8 (original). The compound of claim 1 wherein $n = 1$, R^2 is H, and R^3 is selected from phenyl, 1-naphthyl, and 2-naphthyl.

9 (previously presented). A compound of formula (III):

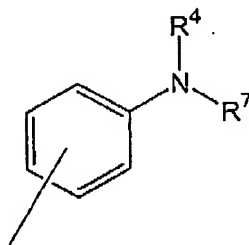


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wherein

n is an integer of at least 1, R^1 is selected from aryl, heteroaryl, fluoroaryl, and fluoroheteroaryl; R^2 is selected from H, R^1 , alkyl, fluoroalkyl, Cl, Br, I and arylamino of formula (II)



(II)

R^4 is selected from aryl, H, R^1 , alkyl, fluoroalkyl; R^7 is selected from aryl, heteroaryl, fluoroaryl, and fluoroheteroaryl substituted with 1 or more fluorine atoms, preferably up to 7 fluorine atoms; and

E is selected from O, S, $(SiR^5R^6)_m$ wherein m is an integer of 1 to 20, $(CR^5R^6)_m$ wherein m is an integer of 1 to 20, and combinations thereof, and can be different at each occurrence, wherein R^5 and R^6 are each independently selected from H, F, alkyl, aryl, alkoxy, aryloxy, fluoroalkyl, fluoroaryl, fluoroalkoxy, and fluoroaryloxy and wherein R^5 and R^6 can, when taken together, form a non-aromatic ring, provided that when E is $(CR^5R^6)_m$, and m is 1, then n is greater than 1 and at least one of R^5 and R^6 is not hydrogen or a hydrocarbon.

10 (original). The compound of claim 9 wherein R^1 is different at each occurrence.

11 (original). The compound of claim 9, wherein R^5 and R^6 , when taken together, form a non-aromatic ring.

12 (original). The compound of claim 9 wherein R^2 is H or aryl.

13 (previously presented). The compound of claim 9 wherein R^2 is aryl.

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14 (original). The compound of claim 9 wherein R^4 is aryl.

15 (original). The compound of claim 9 wherein R^1 is selected from phenyl, 1-naphthyl, and 2-naphthyl.

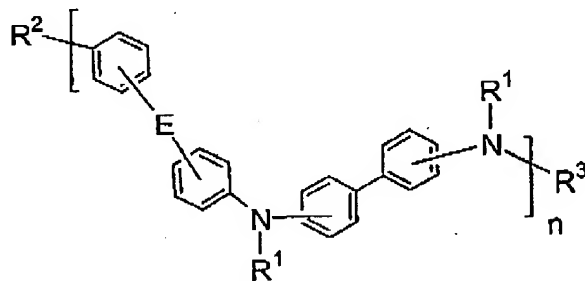
16 (currently amended). The compound of claim 9 wherein $n = 1$, R^2 is H, and $[[R^3]]$ R^1 is selected from phenyl, 1-naphthyl, and 2-naphthyl.

17 (original). The compound of claim 9 wherein at least one aromatic ring in the compound of formula (III) has a substituent selected from H, F, alkyl, aryl, alkoxy, aryloxy, fluoroalkyl, fluoroaryl, fluoroalkoxy, and fluoroaryloxy.

18 (original). The compound of claim 9 wherein substituents on two neighboring aromatic rings in the compound of formula (III) together form an aromatic or non-aromatic ring.

19 (original). The compound of claim 9 wherein adjacent substituents on at least one aromatic ring together form a fused aromatic or non-aromatic ring.

20 (previously presented). A composition comprising a compound of at least one compound selected from:



(I)

wherein:

n is an integer of at least 1;

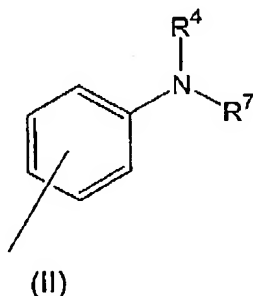
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R^1 is selected from aryl, heteroaryl, fluoroaryl, and fluoroheteroaryl substituted with 1 or more fluorine atoms;

R^3 is selected from H and R^1 ;

R^2 is selected from H, R^1 , alkyl, fluoroalkyl, Cl, Br, I and an arylamino group of formula (II),



wherein R^4 is selected from aryl, H, R^1 , alkyl, and fluoroalkyl;

R^7 is selected from aryl, heteroaryl, fluoroaryl, and fluoroheteroaryl substituted with 1 or more fluorine atoms, preferably up to 7 fluorine atoms; and

E is selected from O, S, $(SiR^5R^6)_m$ wherein m is an integer of 1 to 20, $(CR^5R^6)_m$ wherein m is an integer of 1 to 20, and combinations thereof, wherein R^5 and R^6 are each independently selected from H, F, alkyl, aryl, alkoxy, aryloxy, fluoroalkyl, fluoroaryl, fluoroalkoxy, and fluoroaryloxy and wherein R^5 and R^6 can, when taken together, form a ring, provided that when E is $(CR^5R^6)_m$, and n is greater than 1 and m is 1, at least one of R^5 and R^6 is not hydrogen or a hydrocarbon.

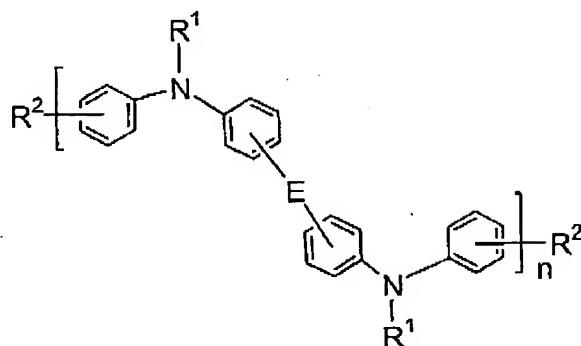
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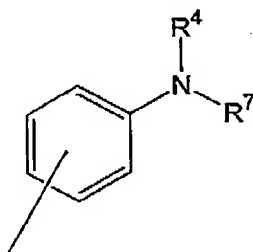
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(III)

wherein

n is an integer of at least 1, R^1 is selected from aryl, heteroaryl, fluoroaryl, and fluoroheteroaryl; R^2 is selected from H, R^1 , alkyl, fluoroalkyl, Cl, Br, I and arylamino of formula (II)



(II)

R^4 is selected from aryl, H, R^1 , alkyl, fluoroalkyl; R^7 is selected from aryl, heteroaryl, fluoroaryl, and fluoroheteroaryl substituted with 1 or more fluorine atoms, preferably up to 7 fluorine atoms; and

E is selected from O, S, $(SiR^5R^6)_m$ wherein m is an integer of 1 to 20, $(CR^5R^6)_m$ wherein m is an integer of 1 to 20, and combinations thereof, and can be different at each occurrence, wherein R^5 and R^6 are each independently selected from H, F, alkyl, aryl, alkoxy, aryloxy, fluoroalkyl, fluoroaryl, fluoroalkoxy, and fluoroaryloxy and wherein R^5 and R^6 can, when taken together, form a non-aromatic ring, provided that when E is $(CR^5R^6)_m$, and n is greater than 1 and m is 1, at least one of R^5 and R^6 is not hydrogen or a hydrocarbon.

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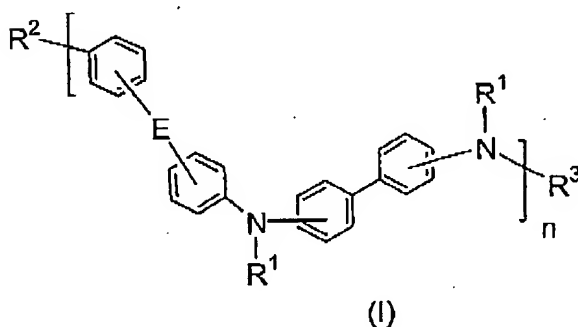
21 (original). An electronic device comprising at least one layer comprising at least one compound selected from the compounds of Claim 1 or Claim 9.

22 (original). The device of Claim 21, wherein the layer is a charge transport layer.

23 (original). The device of Claim 21, wherein the layer is a light-emitting layer.

24 (previously presented). A process for producing a polymer, comprising:

(a) providing two or more compounds having the formulae (I) or (II):



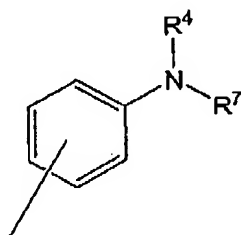
wherein:

n is an integer of at least 1;

R^1 is selected from aryl, heteroaryl, fluoroaryl, and fluoroheteroaryl substituted with 1 or more fluorine atoms;

R^3 is selected from H and R^1 ;

R^2 is selected from H, R^1 , alkyl, fluoroalkyl, Cl, Br, I and an arylamino group of formula (II),



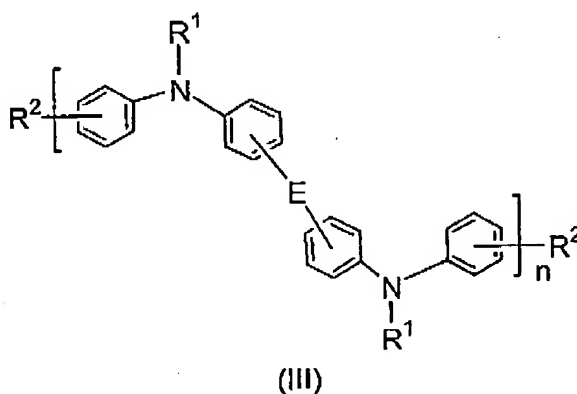
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wherein R^4 is selected from aryl, H, R^1 , alkyl, and fluoroalkyl; R^7 is selected from aryl, heteroaryl, fluoroaryl, and fluoroheteroaryl substituted with 1 or more fluorine atoms, preferably up to 7 fluorine atoms; and

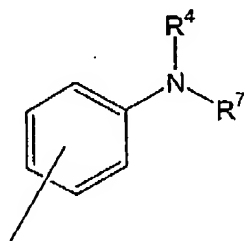
E is selected from O, S, $(SiR^5R^6)_m$ wherein m is an integer of 1 to 20, $(CR^5R^6)_m$ wherein m is an integer of 1 to 20, and combinations thereof, wherein R^5 and R^6 are each independently selected from H, F, alkyl, aryl, alkoxy, aryloxy, fluoroalkyl, fluoroaryl, fluoroalkoxy, and fluoroaryloxy and wherein R^5 and R^6 can, when taken together, form a non-aromatic ring, provided that when E is $(CR^5R^6)_m$, and n is greater than 1 and m is 1, at least one of R^5 and R^6 is not hydrogen or a hydrocarbon

or



wherein

n is an integer of at least 1, R^1 is selected from aryl, heteroaryl, fluoroaryl, and fluoroheteroaryl and may be different at each occurrence; R^2 is selected from H, R^1 , alkyl, fluoroalkyl, Cl, Br, I and arylamino of formula (II)



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(II)

R^4 is selected from aryl, H, R^1 , alkyl, fluoroalkyl; R^7 is selected from aryl, heteroaryl, fluoroaryl, and fluoroheteroaryl substituted with 1 or more fluorine atoms, preferably up to 7 fluorine atoms; and

E is selected from O, S, $(SiR^5R^6)_m$ wherein m is an integer of 1 to 20, $(CR^5R^6)_m$ wherein m is an integer of 1 to 20, and combinations thereof, and can be different at each occurrence, wherein R^5 and R^6 are each independently selected from H, F, alkyl, aryl, alkoxy, aryloxy, fluoroalkyl, fluoroaryl, fluoroalkoxy, and fluoroaryloxy and wherein R^5 and R^6 can, when taken together, form a non-aromatic ring, provided that when E is $(CR^5R^6)_m$, and n is greater than 1 and m is 1, at least one of R^5 and R^6 is not hydrogen or a hydrocarbon.

(b) reacting said compounds in the presence of a copper, nickel, or palladium catalyst while maintaining said compounds at a temperature of 22°C to 150°C for 24 to 92 hours, to form a first polymer;

(c) treating said polymer with an endcapping group to form a capped polymer; and

(d) further reacting said capped polymer for 24 to 48 hours to produce said polymer.

25 (original). The device of Claim 21, wherein the device is selected from a light-emitting diode, a light-emitting diode display, a laser diode, a photodetector, photoconductive cell, photoresistor, photoswitch, phototransistor, phototube, IR-detector, photovoltaic device, solar cell, transistor or diode.